PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

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Applicant's or agent's file reference BP109776		CT/ISA/220 pplicable, item 5 below.
International application No.	International filing date (day month year)	(Earliest) Priority Date (day month year)
PCT/FI 2004/000579	4 October 2004	7 October 2003
Applicant		
Nokia Corporation et al		
This is a second of a second of a second of		
applicant according to Article 18. A	been prepared by this International Searchi copy is being transmitted to the Internation	al Bureau.
This international search report cons	ists of a total of sheets.	
It is also accompanied b	y a copy of each prior art document cited i	n this report.
1. Basis of the report.		
a. With regard to the language, the in the language in which it was	he international search was carried out on s filed, unless otherwise indicated under this	the basis of the international application sitem.
The international se furnished to this Au	earch was carried out on the basis of a transthority (Rule 23.1(b)).	slation of the international application
b. With regard to any nuclei	otide and/or amino acid sequence disclosed i	in the international application, see Box
2. Certain claims were foun	d unscarchable (see Box No. II)	
3. Unity of invention is lack	ung (see Box No. III)	
4. With regard to the title,		
X the text is approved as si	ubmitted by the applicant.	
the text has been establis	shed by this Authority to read as follows:	
S West adding a state of an all		
5. With regard to the abstract;	ubmitted by the applicant.	
	shed, according to Rule 38.2(b), by this Au	thority as it appears in Box No. IV. The
applicant may, within or comments to this Author	ne month from the date of mailing of this in	ternational search report, submit
6. With regard to the drawings,		
· —	e published with the abstract is Figure No.	6
X as suggested by the		Samuel and Carlons
	Authority, because the applicant failed to su	
	Authority, because this figure better charact	erizes the invention.
b. none of the figures is to	be published with the abstract.	

International application No.

PCT/FI 2004/000579

A. CLASSIFICATION OF SUBJECT MATTER IPC7: G10L 19/12 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC7: G10L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched SE,DK,FI,NO classes as above Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EPO-INTERNAL, WPI DATA, PAJ, INSPEC C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. A. EP 1098298 A2 (MITSUBISHI DENKI KABUSHIKI KAISHA), 1-32 9 May 2001 (09.05.2001), paragraphs 0036 - 0052 US 6175817 B1 (MUELLER, J-M. ET AL), A 1-32 16 January 2001 (16.01.2001), column 1, line 44 - column 2, line 43, figure 3 EP 0307122 A1 (BRITISH TELECOMMUNICATIONS), A 1-32 26 August 1988 (26.08.1988), claims; abstract US 20030097258 A1 (THYSSEN, J.), 22 May 2003 1-22 A (22.05.2003), paragraphs 0083 - 0086; abstract See patent family annex. Further documents are listed in the continuation of Box C. Special categories of cited documents: later document published after the international filing date or priority "A" document defining the general state of the art which is not considered to be of particular relevance date and not in conflict with the application but cited to understand the principle or theory underlying the invention earlier application or patent but published on or after the international "X" document of particular relevance: the claimed invention cannot be filing date considered novel or cannot be considered to involve an inventive document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other step when the document is taken-alone. "Y" document of particular relevance: the claimed invention cannot be special reason (as specified) considered to involve an inventive step when the document is combined with one or more other such documents, such combination document referring to an oral disclosure, use, exhibition or other being obvious to a person skilled in the art document published prior to the international filing date but later than *&" document member of the same patent family the priority date claimed Date of mailing of the international search report Date of the actual completion of the international search 1 0 -02- 2005 8 February 2005 Name and mailing address of the ISA/ Authorized officer Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Fredrik Blomqvist /OGU Facsimile No. +46 8 666 02 86 Telephone No. +46 8 782 25 00

Information on patent family members

30/01/2005

International application No.

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International application No.

PCT/FI 2004/000579

A. CLAS	SIFICATION OF SUBJECT MATTER						
IPC7:	G10L 19/12 to International Patent Classification (IPC) or to both	national classification and IPC					
	DS SEARCHED						
Minimum d	documentation searched (classification system followed	by classification symbols)	•				
IPC7:							
	tion searched other than minimum documentation to the	he extent that such documents are included	in the fields searched				
	FI,NO classes as above						
Electronic d	lata base consulted during the international search (nan	ne of data base and, where practicable, search	th terms used)				
EPO-IN	TERNAL, WPI DATA, PAJ, INSPEC		· .				
C. DOCU	MENTS CONSIDERED TO BE RELEVANT						
Category*	Citation of document, with indication, where ap	opropriate, of the relevant passages	Relevant to claim No.				
, A	EP 1098298 A2 (MITSUBISHI DENKI 9 May 2001 (09.05.2001), p	KABUSHIKI KAISHA), aragraphs 0036 - 0052	1-32				
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Furthe	er documents are listed in the continuation of Bor	x C. X See patent family annex					
"A" documen	categories of cited documents; nt defining the general state of the art which is not considered particular relevance	"T" later document published after the inte date and not in conflict with the applic the principle or theory underlying the	ation but cited to understand				
"E" carlier a filing da	"E" carlier application or patent but published on or after the international filling date "I" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive						
"O" document	cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other						
"P" documer	nt published prior to the international filing date but later than	combined with one or more other such being obvious to a person shilled in the document member of the same patent	art				
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	S-102 42 STOCKHOLM No. +46 8 666 02 86	Fredrik Blomqvist /OGU Telephone No. +46 8 782 25 00	15.				
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